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JC973 U.S. PTO  
09/882694  
06/15/01UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 35718/208255 (5718-111C)

First Inventor or Application Identifier: Duvick

Title of Invention: COMPOSITIONS AND METHODS FOR  
FUMONISIN DETOXIFICATION

Express Mail Label No. EL780617544US

ADDRESS TO: BOX PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: Jon Duvick; Joyce Maddox; Jacob Gilliam; Otto Folkerts; Oswald R. Crasta

Assignees of this invention are Pioneer Hi-Bred International, Inc. and CuraGen Corporation.

1.  The Filing Fee has been calculated as shown below:
2.  Applicant claims Small Entity Status. See 37 CFR 1.27.

No. Filed	No. Extra	Small Entity	Large Entity		
		Rate	Fee 0	Rate	Fee 1
BASIC FEE			\$0		\$710
TOTAL CLAIMS: 20 - 20 =	0	X 9 = \$0		x 18 = \$	
INDEP CLAIMS: 5 - 3 =	2	X 40 = \$0		x 80 = \$160	
[ <input type="checkbox"/> ] MULTIPLE DEPENDENT CLAIMS PRESENTED		+135 = \$		+270 = \$	
*If the difference in Column 1 is less than zero, enter "0" in Column 2.		TOTAL \$		TOTAL \$870	

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. \_\_\_\_\_.

- a.  Fees required under 37 CFR 1.16 (National filing fees).
- b.  Fees required under 37 CFR 1.17 (National application processing fees).
- A check in the amount of \$870.00 for the filing fee is enclosed.
- The above filing fee will be paid along with Applicant's Response to Notice to File Missing Parts.
3.  Specification; Total Pages 55
4.  2 Sheets of Formal Drawings (35 USC 113)
5.  Declaration and Power of Attorney; [Total Pages 5]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  DELETION OF INVENTOR(S) Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a.  Computer Readable Copy (CRF)
- b.  Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05
- c.  Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  Paper (20 pages)
- d.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)

10.  37 CFR 3.73(b) Statement (*when there is an assignee*);  Power of Attorney

11.  English Translation Document (*if applicable*)

12.  Information Disclosure Statement (IDS) with Form PTO-1449 (83 cites without copies)

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)

15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)  
Foreign Priority is

16.  Request and Certification for Non-publication under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant **must** attach form PTO/SB35 or its equivalent.

17.  Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.

18. If a **CONTINUING APPLICATION**, *check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*

Continuation     Divisional     Continuation in Part (CIP)

Prior Application Information: Examiner M. Ibrahim Group/Art Unit: 1638

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS CUSTOMER NUMBER 000826

Signature: Kelly Williams

Agent of Record: Kelly J. Williamson

Agent Registration No. 47,179

Alston & Bird LLP

## Bank of America Plaza

101 South Tryon Street, Suite 4000

Charlotte, NC 28280-4000

CUSTOMER NUMBER 000826

"Express Mail" mailing label number: EL780617544US

Date of Deposit: June 15, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box Patent Application, Commissioner for Patents, Washington, DC 20231.

Rebecca Kerney  
Rebecca Kerney

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Duvick *et al.* Group Art Unit: (*not yet assigned*)  
Appl. No.: (*not yet assigned*) Examiner: (*not yet assigned*)  
Filed: June 15, 2001  
For: COMPOSITIONS AND METHODS FOR FUMONISIN DETOXIFICATION

June 15, 2001

**REQUEST FOR TRANSFER OF COMPUTER READABLE FORM OF SEQUENCE  
LISTING UNDER 37 CFR §1.821(e) AND MPEP 2422.05**

Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

Sir:

Applicants hereby request transfer of previously filed sequence information into the above-mentioned application, concurrently filed herewith.

I hereby state that the paper copy of the sequence listing included in the specification of the above-mentioned application is identical to the computer-readable copy of the sequence listing filed in U.S. Application No. 09/351,224, filed on July 12, 1999. In accordance with 37 CFR §1.821(e) and MPEP 2422.05, please use the last-filed computer-readable form filed in that application as the computer-readable form for the above-mentioned application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the present application.

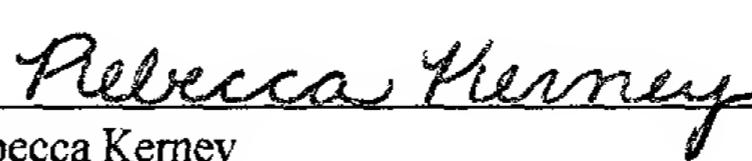
Respectfully submitted,



Kelly J. Williamson  
Agent for Applicant  
Registration No. 47,179

**Alston & Bird LLP**  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
Tel Raleigh Office (919) 420-2200  
Fax Raleigh Office (919) 420-2260

"Express Mail" Mailing Label Number: EL780617544US  
Date of Deposit: June 15, 2001  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box Patent Application, Commissioner for Patents, Washington, DC 20231.

  
Rebecca Kerney